

Title (en)

POWER SUPPLY MONITORING FOR AN IMPLANTABLE DEVICE

Title (de)

STROMVERSORGUNGSÜBERWACHUNG FÜR EIN IMPLANTIERBARES PRODUKT

Title (fr)

CONTROLE DE L'ALIMENTATION POUR DISPOSITIF IMPLANTABLE

Publication

**EP 1784239 A4 20100901 (EN)**

Application

**EP 05779348 A 20050727**

Priority

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- US 90222104 A 20040728
- US 90057304 A 20040728

Abstract (en)

[origin: US2006025828A1] A method and an apparatus for determining an impedance experienced by a lead associated with the implantable device. A substantially constant current signal is provided through a first terminal and a second terminal of the lead. A voltage across the first and second terminals is measured. An impedance across the first and second terminals is determined based upon the constant current signal and the measured voltage.

IPC 8 full level

**A61N 1/08** (2006.01); **A61N 1/37** (2006.01)

CPC (source: EP US)

**A61N 1/3708** (2013.01 - EP US); **G01R 31/389** (2018.12 - EP US)

Citation (search report)

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Designated contracting state (EPC)

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DOCDB simple family (publication)

**US 2006025828 A1 20060202**; CA 2574434 A1 20060209; CA 2574434 C 20140415; EP 1784239 A2 20070516; EP 1784239 A4 20100901; EP 1784239 B1 20130703; EP 2581109 A1 20130417; EP 2581109 B1 20140319; US 2006025829 A1 20060202; US 2010274302 A1 20101028; US 7751891 B2 20100706; US 8086310 B2 20111227; WO 2006014971 A2 20060209; WO 2006014971 A3 20070222; WO 2006014972 A2 20060209; WO 2006014972 A3 20070705; WO 2006014972 A8 20070830

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